

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| L2    | 160  | (474/229).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2011/07/24<br>18:17 |
| L3    | 242  | (474/230).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2011/07/24<br>18:17 |
| L4    | 555  | (474/242).OCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2011/07/24<br>18:17 |
| L9    | 0    | power transmission chain and locus of a contact position and involute of a circle | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2011/07/24<br>18:30 |
| S1    | 15   | "5727021"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/11/06<br>15:04 |
| S2    | 23   | "5728021"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/11/06<br>15:04 |
| S3    | 16   | ("3916709"   "4618338"   "5026332").PN. OR ("5728021").URPN.                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/11/06<br>16:02 |
| S4    | 16   | ("3916709"   "4618338"   "5026332").PN. OR ("5728021").URPN.                      | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/11/09<br>18:43 |
| S5    | 395  | "474".das. and random   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2009/11/10<br>11:21 |

|     |    |   |                              |     |    |                     |
|-----|----|---|------------------------------|-----|----|---------------------|
| S6  | 78 | ("0690317"  <br>"1570272"  <br>"1878882"  <br>"1947734"  <br>"1956942"  <br>"2056602"  <br>"2223314"  <br>"2602344"  <br>"3213699"  <br>"3340745"  <br>"3377875"  <br>"3495468"  <br>"3636788"  <br>"4010656"  <br>"4168634").PN. OR<br>("4342560").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/11/10<br>11:35 |
| S7  | 18 | "4516963"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/11/10<br>13:14 |
| S8  | 19 | ("4313730"  <br>"4344761"  <br>"4386922").PN. OR<br>("4516963").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/11/10<br>13:15 |
| S9  | 2  | "474".clas. and (pins<br>or rocker) near4<br>different near4 profile  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/11/10<br>17:02 |
| S10 | 25 | "474".clas. and (pins<br>or rocker) near4<br>different near4 shape  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/11/10<br>17:04 |
| S11 | 16 | "1868334"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/11/11<br>14:06 |
| S12 | 16 | ("1651832"  <br>"1868334"  <br>"2067243"  <br>"2096061"  <br>"2725755"  <br>"3043154"  <br>"5242334"  <br>"5651746"  <br>"6186921").PN. OR<br>("6432011").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2009/11/11<br>14:24 |

|     |    |  |                              |     |    |                     |
|-----|----|--|------------------------------|-----|----|---------------------|
| S13 | 18 | ("1651832"  <br>"1868334"  <br>"2067243"  <br>"2096061"  <br>"2725755"  <br>"3043154"  <br>"5242334"  <br>"5651746"  <br>"6186921").PN. OR<br>("6432011").URPN.                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/03/15<br>13:56 |
| S14 | 12 | ("1651832"  <br>"20050187057"  <br>"3120723"  <br>"4581001"  <br>"5427583"  <br>"5728021"  <br>"6346058"  <br>"6432011"  <br>"6524204"  <br>"6793564").PN. OR<br>("7892127").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/03/15<br>14:20 |
| S15 | 8  | ("1651832").URPN.  | USPAT                        | ADJ | ON | 2011/07/07<br>13:33 |
| S16 | 10 | ("1651832"  <br>"1769960"  <br>"20050187057"  <br>"20070026988"  <br>"20070191166"  <br>"20080161148"  <br>"5090947"  <br>"5728021").PN. OR<br>("7846050").URPN.                   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/07/07<br>13:36 |
| S17 | 1  | "10577329"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/07/07<br>13:37 |
| S18 | 12 | ("1651832"  <br>"20050187057"  <br>"3120723"  <br>"4581001"  <br>"5427583"  <br>"5728021"  <br>"6346058"  <br>"6432011"  <br>"6524204"  <br>"6793564").PN. OR<br>("7892127").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/07/07<br>13:58 |

|     |    |            |                              |     |    |                     |
|-----|----|------------|------------------------------|-----|----|---------------------|
| S19 | 7  | "6432011"  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/07/18<br>14:48 |
| S20 | 10 | "1651832"  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/07/18<br>14:48 |
| S21 | 0  | "12057874" | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON | 2011/07/18<br>15:00 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query   | DBs            | Default Operator | Plurals | Time Stamp          |
|-------|------|--|----------------|------------------|---------|---------------------|
| L10   | 0    | power<br>transmission chain<br>and locus of a<br>contact position<br>and involute of a<br>circle | USPAT;<br>UPAD | ADJ              | ON      | 2011/07/24<br>18:30 |

**7/ 24/ 2011 6:31:14 PM****C:\ Documents and Settings\ hliu2\ My Documents\ EAST\ Workspaces\ 10577329.wsp**